

# Taming Cyber Beasts

## With a Pack of High-Tech Defenses

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# HP WOLF SECURITY



# People are imperfect

## “Click happens”



# 44%

Of security incidents in 2023 were caused by employees falling victim to phishing scams, despite receiving security training

# 68%

Of all social engineering attacks involved pretexting or phishing via business email compromises

# 82%

Of data breaches involved a human element

# Threats increasingly evade detection

Data revealed by  
HP Threat  
Containment

79 hours

On average before unknown threat became known

14%

Of email malware detected by HP Threat Containment had bypassed email security gateway

9%

Of threats caught by HP Threat Containment were previously unknown

# Delivering Superior Security Outcomes

## World's Most Secure & Manageable PCs

### Over 20 years of endpoint security innovation

Setting industry standards

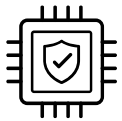


**TRUSTED<sup>®</sup>  
COMPUTING  
GROUP**

**NIST**  
National Institute of  
Standards and Technology



Close security partnerships to drive industry state of the art (Intel<sup>®</sup>, AMD<sup>®</sup> and Microsoft<sup>®</sup>) technology



Pioneering hardware-enforced security

### The HP Advantage

Full Stack Security



Users and Data



Cellular Connectivity



Operating System



Firmware/BIOS



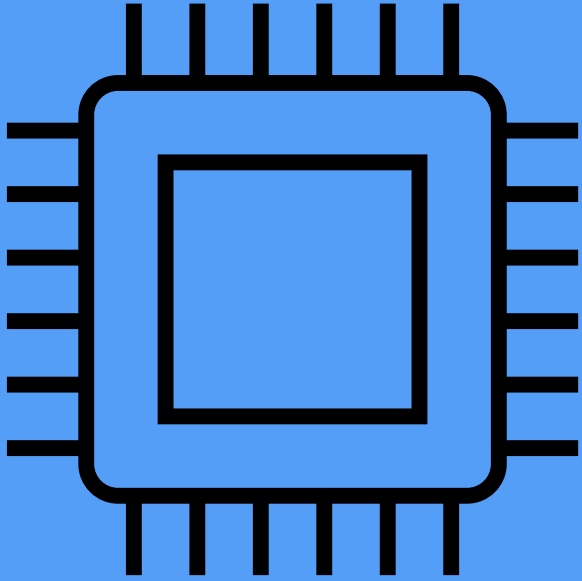
Hardware



Factory Services

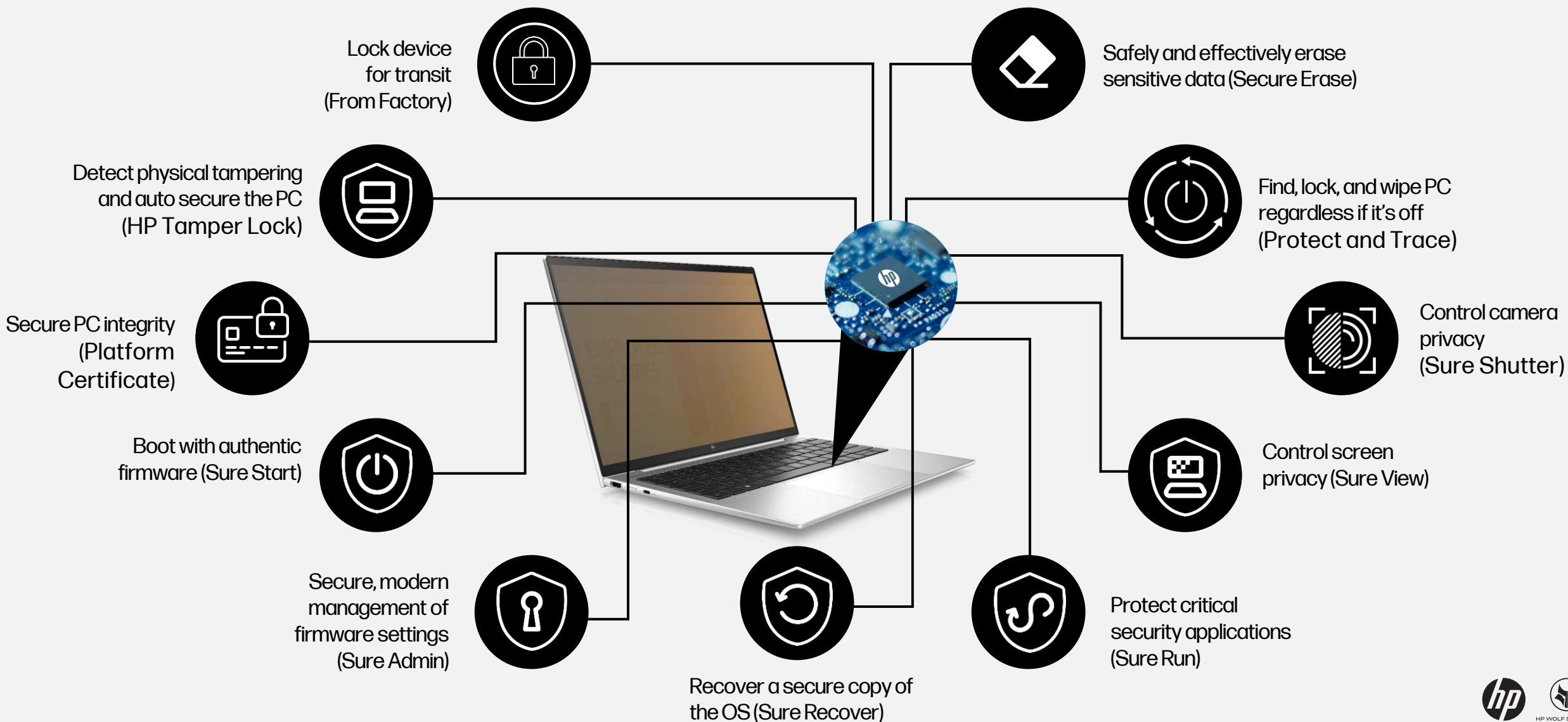


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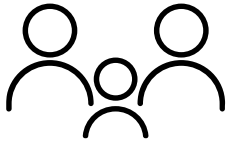
# Hardware Embedded hardware- enforced security

# Hardening the endpoint with hardware-enforced protection

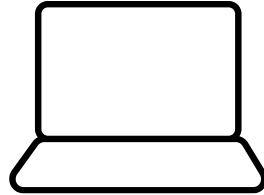


# Protect sensitive or confidential data

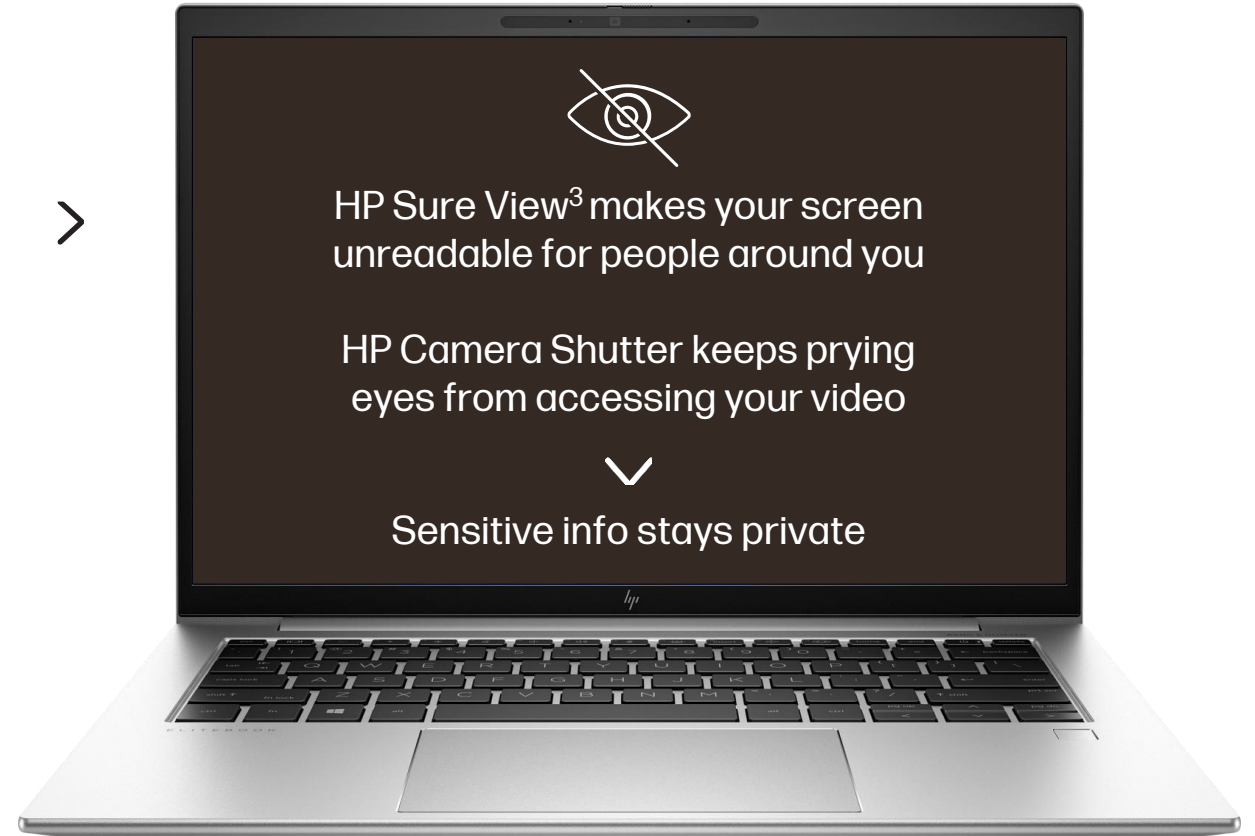
HP Sure View blocks prying eyes to help you maintain privacy



Working in a public setting—  
like an airplane or coffee  
shop—puts data at risk



Strangers might glimpse  
proprietary info or  
sensitive documents





# Leave nothing to question

Reduce impact of supply chain risks with HP Platform Certificate



Verify the PC is the same as when it left the factory

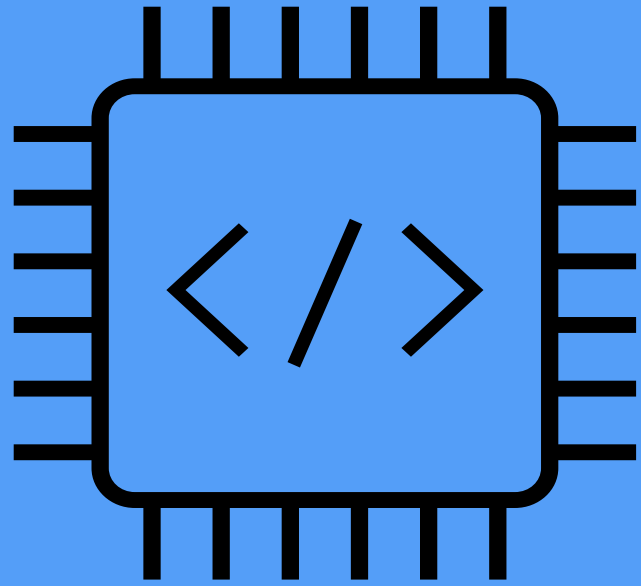


Customer validation of installed PC components



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# Firmware/BIOS

## Layers of BIOS protection

# BIOS Resiliency

with HP Sure Start

Persistent firmware protection

150m+

HP Business PCs shipped with Sure Start - with No persisting firmware breaches reported.

## Requirement: Firmware Resiliency

BIOS code integrity is essential for PC security  
Protection must be automatic, reliable, and not  
significant IT overhead

## Requirement: HP Sure Start

Ensures that BIOS code has not been corrupted  
Auto-restores a validated copy of firmware if corrupted  
BIOS is detected

## Benefit: BIOS Layer Resilience

- Lowers risk by stopping firmware attacks
- Drives availability
- Lowers IT overhead: On by default and self healing

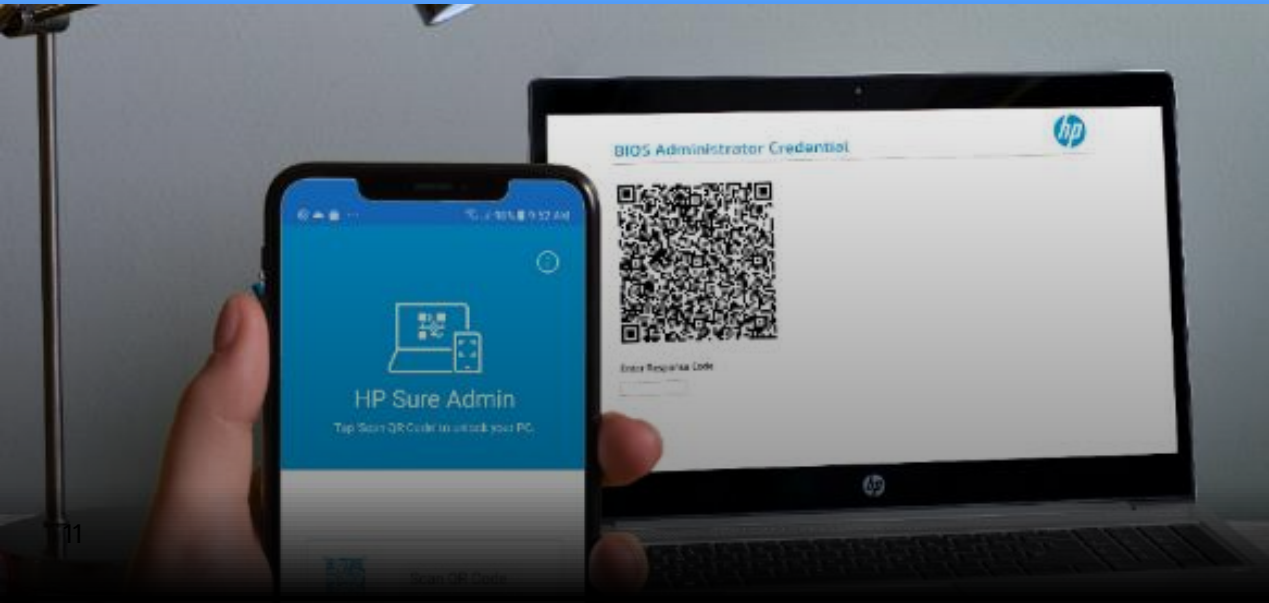


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# Scalable, secure BIOS management

with HP Sure Admin

## Protect BIOS settings with low operational overhead



## Requirement: Configuration Security

- BIOS configuration security is crucial
- BIOS passwords are very hard to manage at scale

## Solution: HP Sure Admin

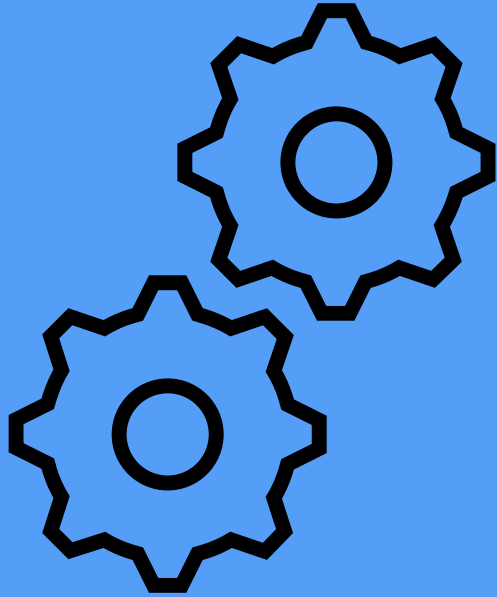
- Replaces BIOS passwords with cryptographic keys
- Supports local and remote administration

## Benefit: Scalable BIOS Security

- Reduced risk of BIOS configuration compromise
- Scales to thousands of PCs with low administrative overhead



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# Operating System

## Self healing Operating System

Recover anytime, anywhere  
at scale  
with HP Sure Recover

Secure Windows OS  
(disaster) recovery



## Requirement: Windows Resiliency

- Are you able to recover and reset your devices effectively in the case of a destructive attack?
- Disaster Recovery: Fast, high-scale business continuity

## Solution: HP Sure Recover

- Quickly restore Windows OS and apps
- Supports generic and customized images
- Automated restore from cloud or secure local storage

## Benefit: Hybrid Work Business Continuity

- Supports both incident and disaster recovery use cases
- Business continuity, even if under sophisticated attack





# Cellular Connectivity

## Find, Lock, Erase PCs



# Delivering Superior Security Outcomes

## Introducing Wolf Connect

A game changer  
for PC fleet  
management





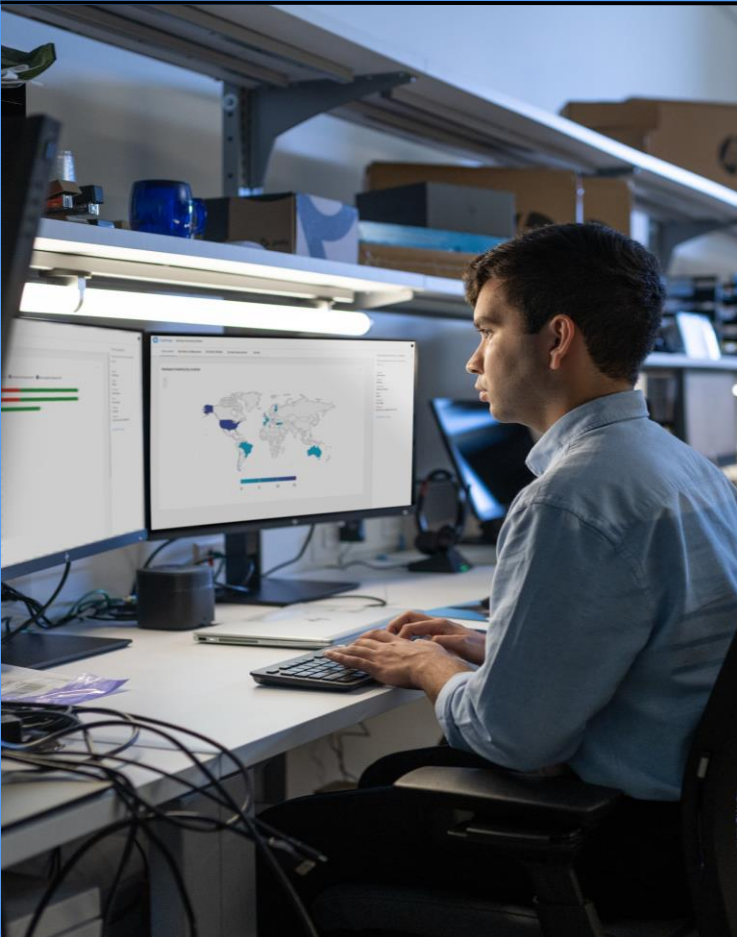
# Always on Connectivity

With HP Wolf Connect



## Find

Locate device in real time

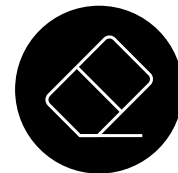


Remotely Find,  
Lock, and  
Erase a PC,  
even when  
powered down  
or  
disconnected  
from the  
Internet



## Lock

Temporarily lock a PC that  
has gone missing

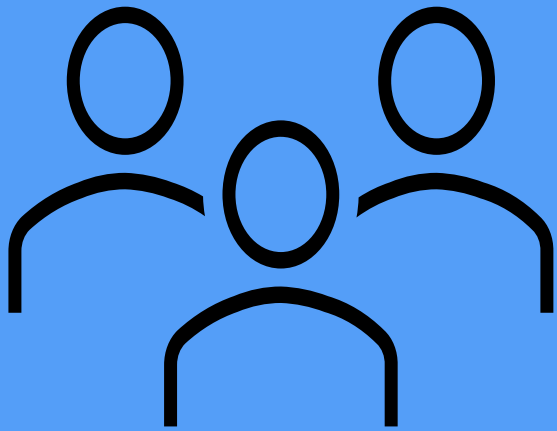


## Erase

Erase PC data on  
unrecoverable or retired  
PC



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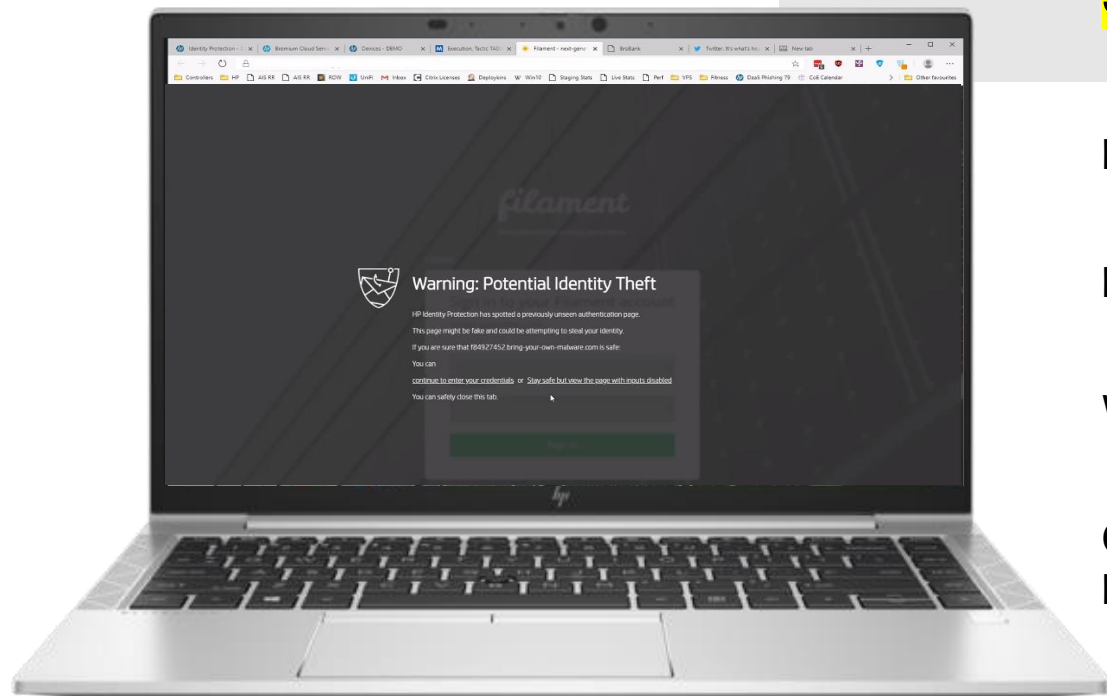
Users and Data  
Contains phishing and ransomware  
attacks

4M+  
phishing sites  
registered by  
Google in 2023<sup>1</sup>

# Put a halt to credential theft

with Credential Protection

Stop users from entering credentials on malicious sites



Enter credentials on verified sites without disruption

Block entering credentials on known malicious sites

Warn users if the site seems suspicious

Control the ability to enter credentials on  
low-reputation sites

Included with  
Wolf Pro Security and  
Sure Click Enterprise



# Because “Click Happens”

HP Threat Containment Technology

45 Billion+

Web clicks, downloads and  
attachments protected without a  
reported compromise<sup>3</sup>



Requirement: Social Engineering  
Defense

Attack actors use social engineering to trick clicking  
& Ransomware are evolving threats

Benefit: HP Threat Containment

- Hardware-enforced virtualization to contain threats
- Provides comprehensive threat intelligence

Benefit: Inherent  
Protection

- Removes risk from the most common attack types
- Users “work productive without worry”



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# Security is in our DNA



Robust certifiable Roots of Trust



Self-healing and resilience at scale



Threat containment



Zero-trust and distributed security at scale



Security across the device lifecycle